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| FORM               |

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission 8

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|----------------------|---------------------|--|
| Application Number   | 10/828,654          |  |
| Filing Date          | April 21, 2004      |  |
| First Named Inventor | Xi-Cheng Zhang      |  |
| Art Unit             | 2881                |  |
| Examiner Name        | Phillip A. Johnston |  |
| Attorney Docket No.  | RPI-132US           |  |

| ENCLOSURES (Check all that apply)   |  |                         |   |   |  |  |
|---|--|-------------------------|---|---|--|--|
| Fee Transmittal Form Fee Attached   | Drawing(s)  Licensing-related Papers   |                         | _ | After Allowance Communication to TC   |  |  |
| Amendment/Reply After Final Affidavits/Declaration(s) Extension of Time Request Express Abandonment Reques Information Disclosure Statem Certified Copy of Priority Docu  | Power of Attorney, Revoce Change of Correspondent Address  Terminal Disclaimer  Request for Refund  CD Number of CD(s) | e L                     |   | Appeal Communication to Board of Appeals and Interferences  Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  Proprietary Information  Status Letter  Other Enclosure(s) (please identify below): |  |  |
| Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53   |  |                         |   |   |  |  |
| SIGNATURE OF APPLICANT, ATTORNEY OR AGENT   |  |                         |   |   |  |  |
| Firm Name RatnerPrestia  Signature Printed Name Lowell L. Carson  |  |                         |   |   |  |  |
| Date November 9, 2005   | Registra   | Registration No. 48,548 |   |   |  |  |
| CERTIFICATE OF TRANSMISSION / MAILING   |  |                         |   |   |  |  |
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.Q. Box 1450, Alexandria, VA 22313-1450 on the date shown below: |  |                         |   |   |  |  |
| Signature SUM DIM   |  |                         |   |   |  |  |
| Typed or Printed Name Lisa Beni   | d or Printed Name Lisa Bennett Date November 9, 2005   |                         |   |   |  |  |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, ALEXANDRIA, VA 22313-1450.

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RPI-132US

Appln. No.: 10/828,654

Amendment Dated November 9, 2005 Reply to Office Action of August 9, 2005

NOV 1 4 2005

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No:

10/828,654

Applicants:

Xi-Cheng Zhang

Filed:

April 21, 2004

Title:

SEMICONDUCTOR SURFACE-FIELD EMITTER FOR T-RAY GENERATION

TC/A.U.:

Examiner:

Phillip A. Johnston

Confirmation No.: 4914 Docket No.:

RPI-132US

## **AMENDMENT**

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Responsive to the Office Action dated August 9, 2005, please amend the aboveidentified application as follows:

|             |   | •                                     |  |  |  |
|-------------|---|---------------------------------------|--|--|--|
|             | Amendments to the Specification begin on page   | ge of this paper.                     |  |  |  |
| $\boxtimes$ | Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper. |                                       |  |  |  |
|             | Amendments to the Drawings begin on page attached replacement sheet(s).                               | of this paper and include an          |  |  |  |
|             | Amendments to the Abstract are on page Abstract is on page of this paper.                             | of this paper. A clean version of the |  |  |  |
| $\boxtimes$ | Remarks/Arguments begin on page 5 of this page  | aper.                                 |  |  |  |